

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060672.D
 Acq On : 10 Sep 2024 17:28
 Operator : MD/SY
 Sample : P3918-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:49:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

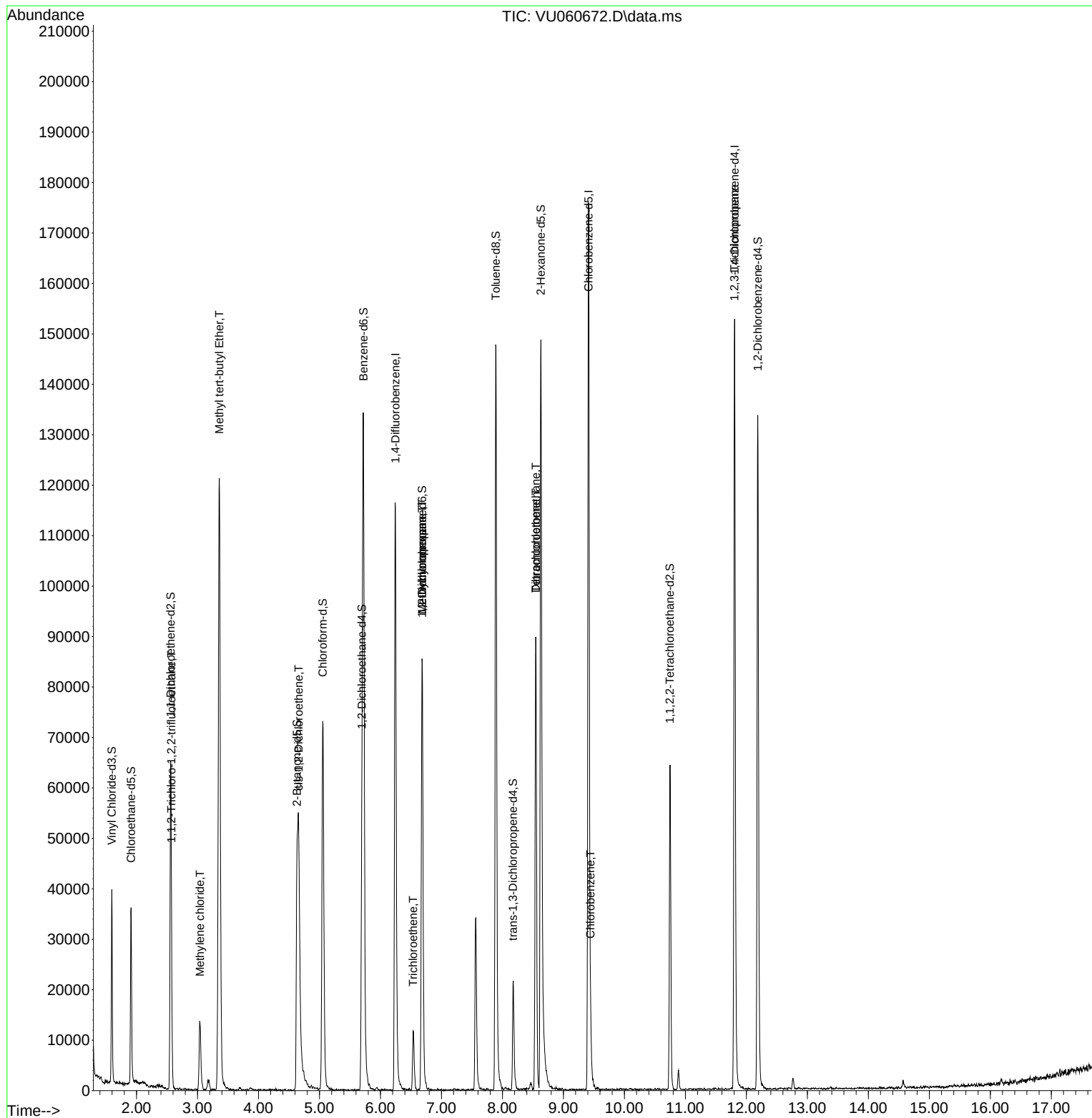
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	97868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	105811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24753	5.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.600%
7) Chloroethane-d5	1.911	69	26921	4.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	11858	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.631	46	73545	49.477	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.055	84	71301	5.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	5.695	65	37099	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.721	84	128319	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	6.685	67	42949	5.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.891	98	106903	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.174	79	13589	5.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	52881	41.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32727	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	38647	5.839	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1950	0.224	ug/L #	82
16) Methylene chloride	3.039	84	7468	0.959	ug/L	84
17) Methyl tert-butyl Ether	3.357	73	131714	8.091	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	16182	2.080	ug/L	98
34) Trichloroethene	6.537	95	4155	0.457	ug/L	92
35) Methylcyclohexane	6.682	83	9630	0.772	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	4457	0.518	ug/L #	91
47) Tetrachloroethene	8.547	164	21528	2.887	ug/L	92
49) Dibromochloromethane	8.547	129	20465	2.838	ug/L #	12
51) Chlorobenzene	9.444	112	5543	0.241	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4683	1.082	ug/L #	67

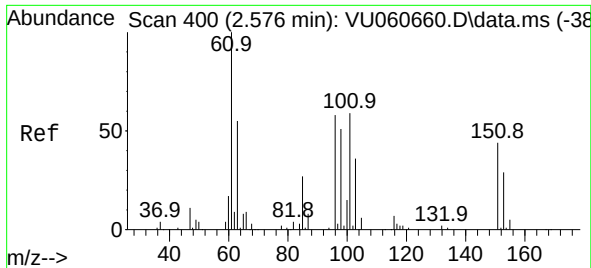
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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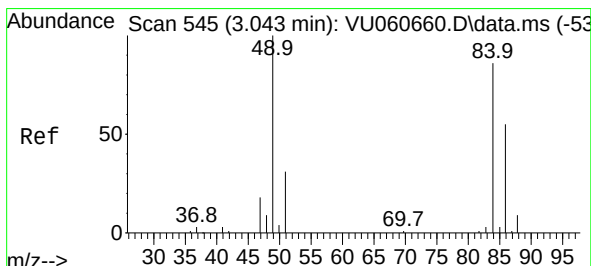
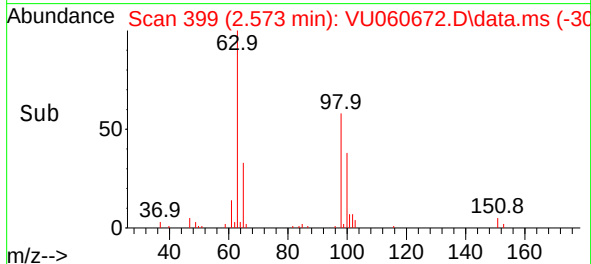
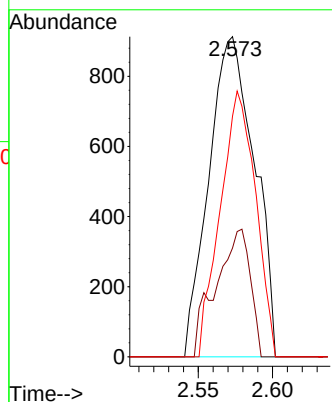
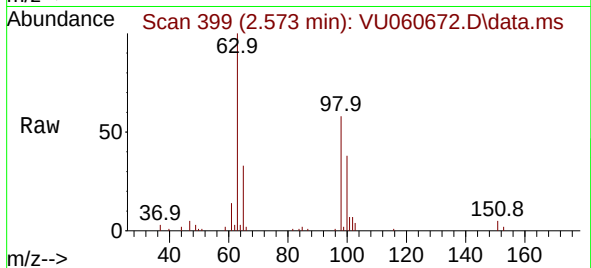




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.224 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

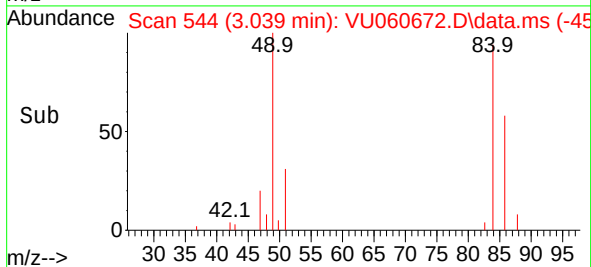
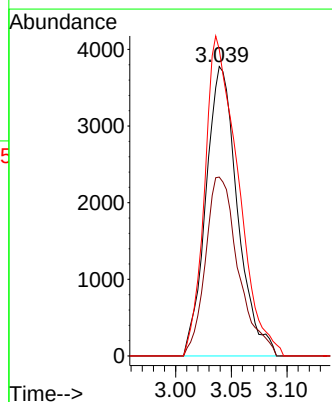
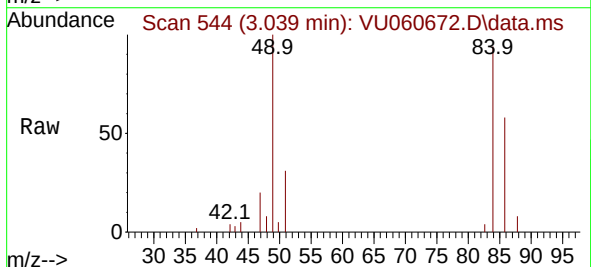
Instrument :
MSVOA_U
ClientSampleId :

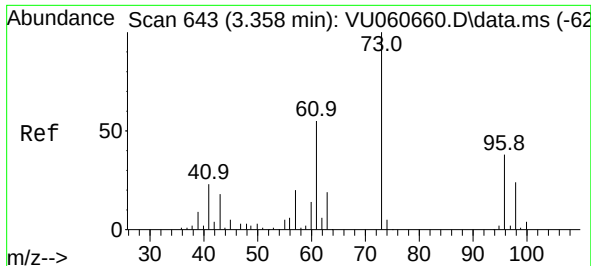
Tgt Ion:101 Resp: 1950
Ion Ratio Lower Upper
101 100
85 30.1 35.8 53.6#
151 64.4 61.7 92.5



#16
Methylene chloride
Concen: 0.959 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 84 Resp: 7468
Ion Ratio Lower Upper
84 100
86 61.8 47.5 88.3
49 111.4 94.4 175.2



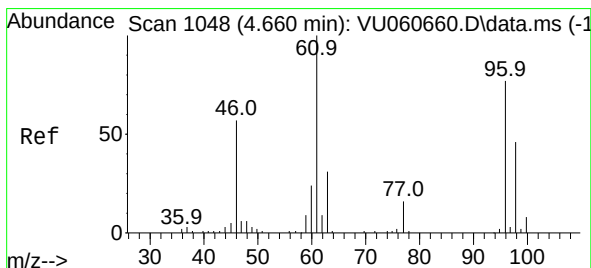
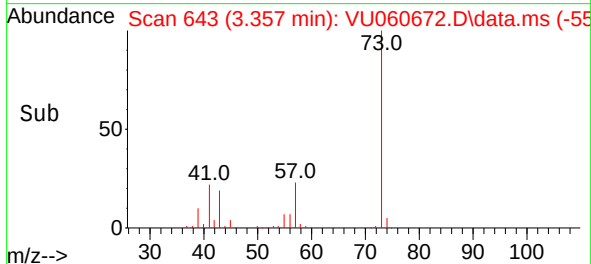
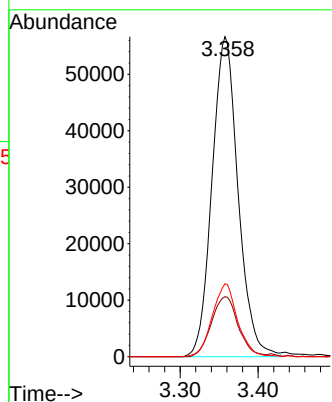
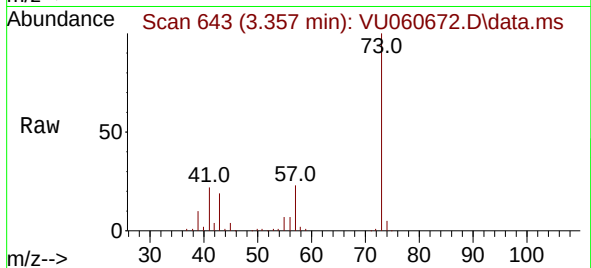


#17
Methyl tert-butyl Ether
Concen: 8.091 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 131714

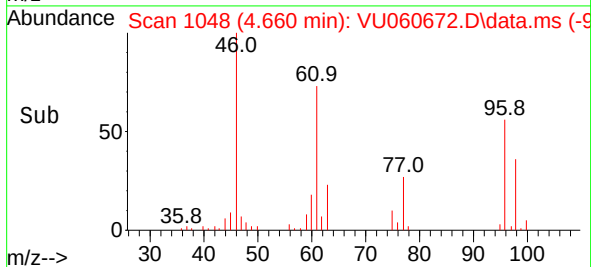
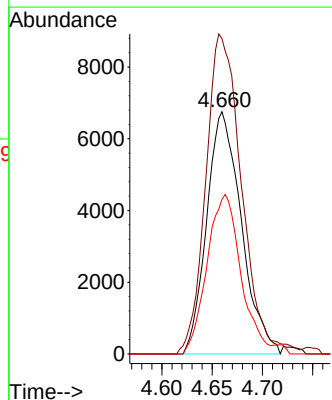
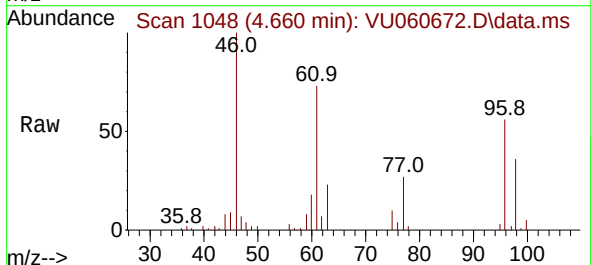
Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.8	23.6
57	22.1	16.8	25.2

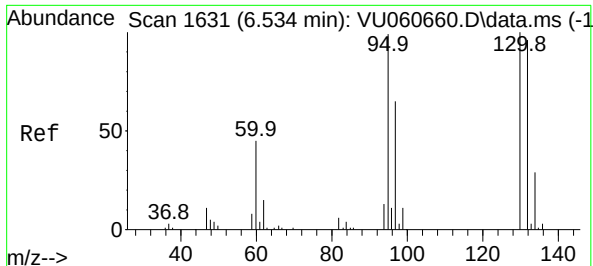


#22
cis-1,2-Dichloroethene
Concen: 2.080 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 96 Resp: 16182

Ion	Ratio	Lower	Upper
96	100		
61	130.2	92.9	172.5
98	63.8	45.0	83.6





#34

Trichloroethene

Concen: 0.457 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060672.D

Acq: 10 Sep 2024 17:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4155

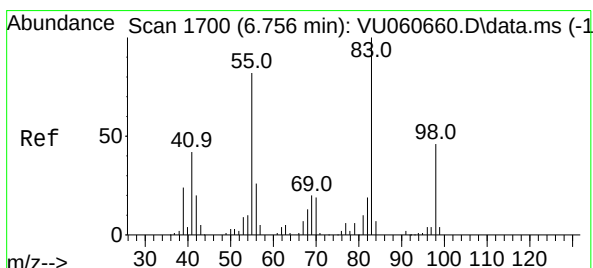
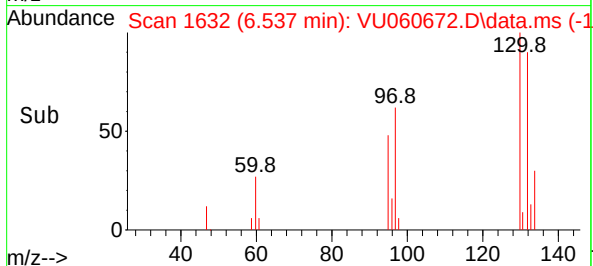
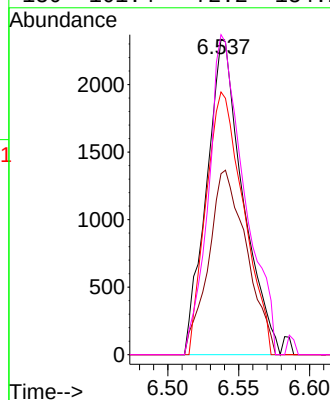
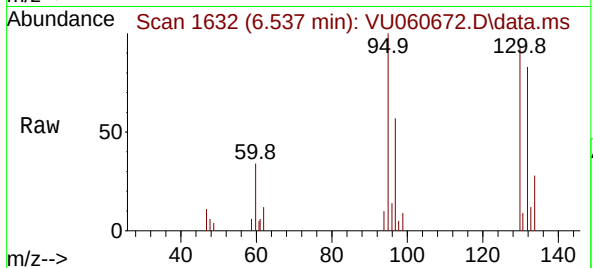
Ion Ratio Lower Upper

95 100

97 57.4 45.8 85.2

132 83.3 67.4 125.2

130 101.4 72.2 134.2



#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060672.D

Acq: 10 Sep 2024 17:28

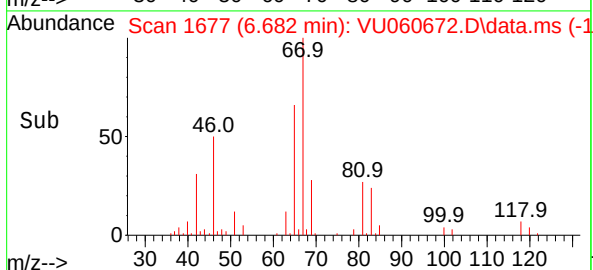
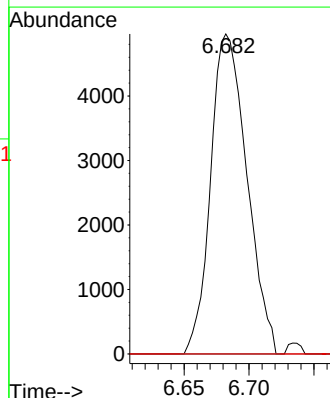
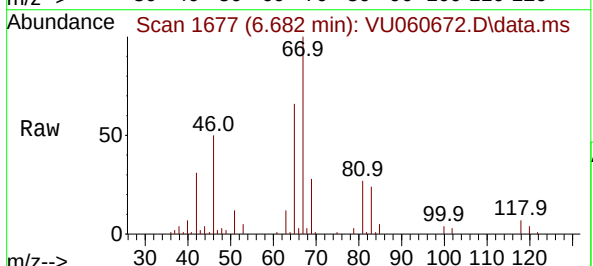
Tgt Ion: 83 Resp: 9630

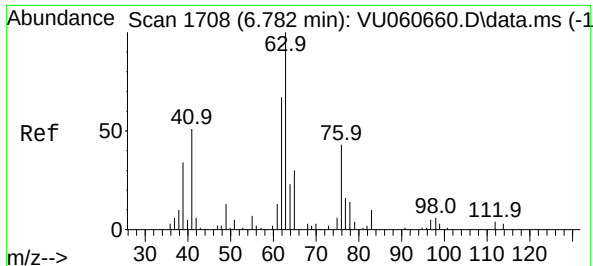
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 0.2 37.8 56.8#

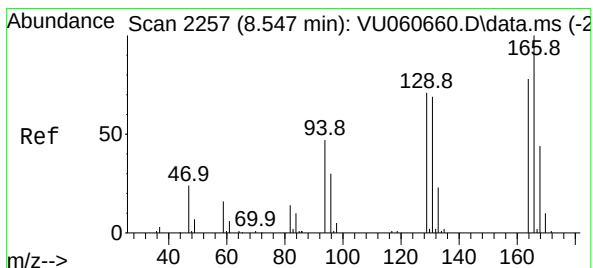
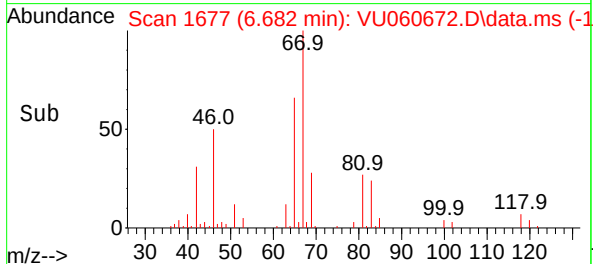
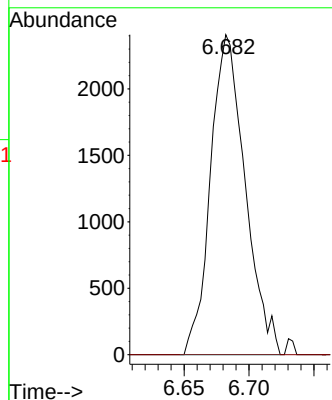
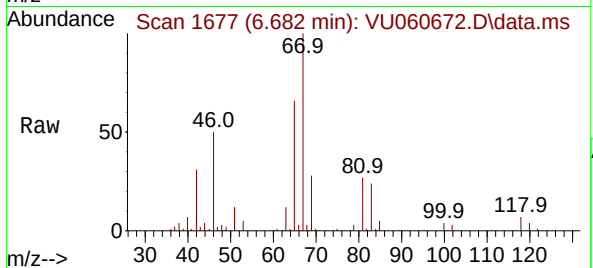




#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

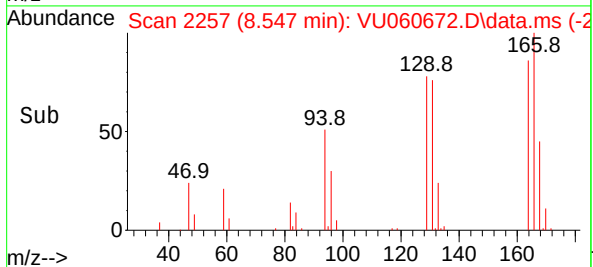
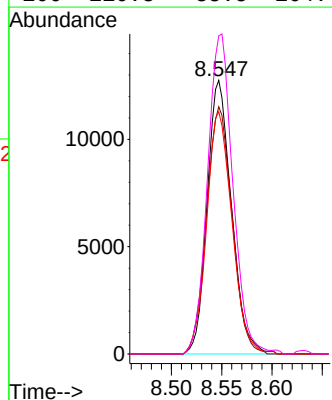
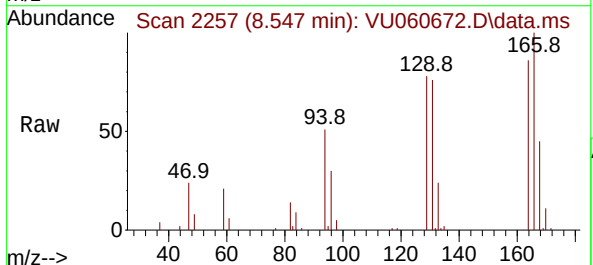
Instrument :
MSVOA_U
ClientSampleId :

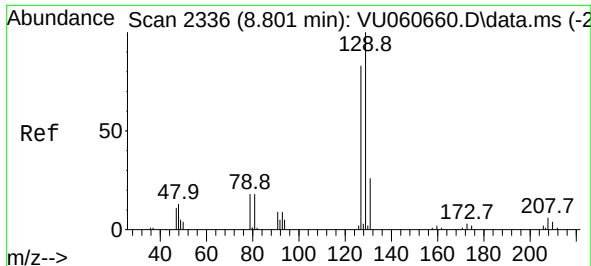
Tgt Ion: 63 Resp: 4457
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#



#47
Tetrachloroethene
Concen: 2.887 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 164 Resp: 21528
Ion Ratio Lower Upper
164 100
129 90.4 67.8 125.8
131 88.6 67.2 124.8
166 116.3 88.5 164.4





#49

Dibromochloromethane

Concen: 2.838 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060672.D

Acq: 10 Sep 2024 17:28

Instrument :

MSVOA_U

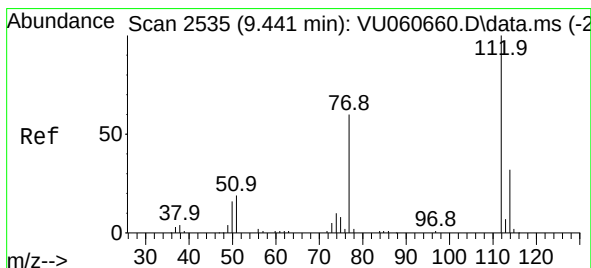
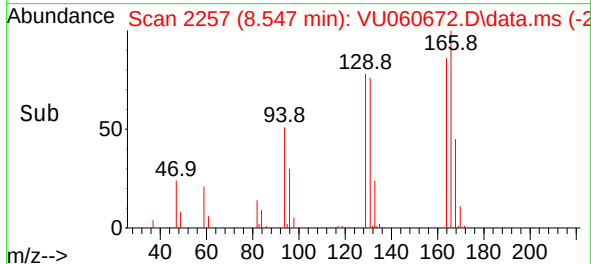
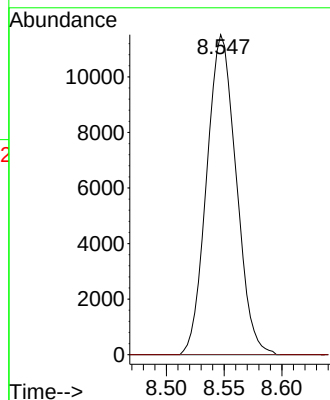
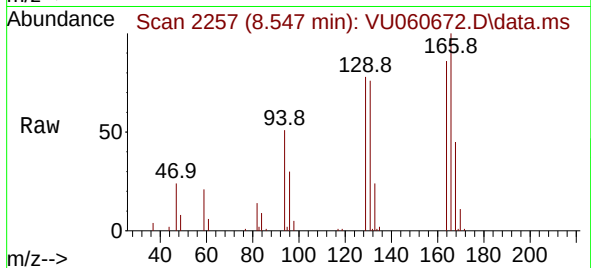
ClientSampleId :

Tgt Ion:129 Resp: 20465

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



#51

Chlorobenzene

Concen: 0.241 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060672.D

Acq: 10 Sep 2024 17:28

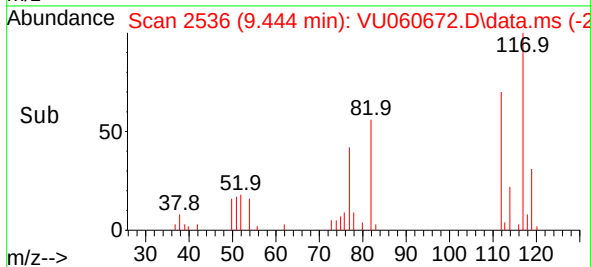
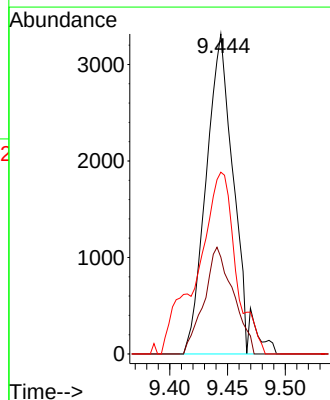
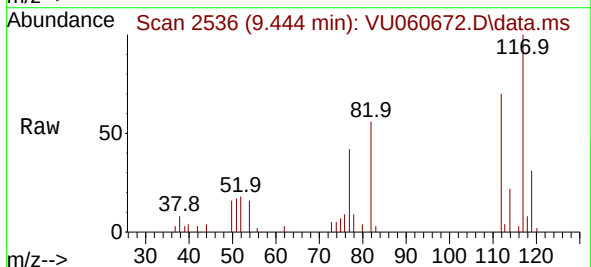
Tgt Ion:112 Resp: 5543

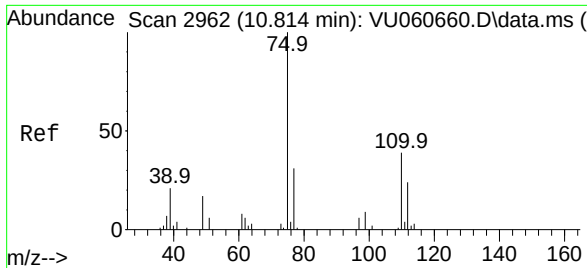
Ion Ratio Lower Upper

112 100

114 30.3 21.9 40.7

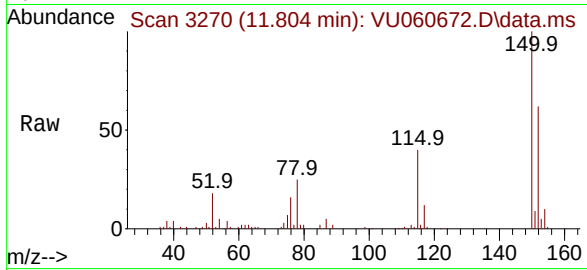
77 56.8 47.4 71.2





#61
1,2,3-Trichloropropane
Concen: 1.082 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060672.D
Acq: 10 Sep 2024 17:28

Instrument :
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ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.0	30.2	45.4#
77	31.8	25.4	38.2

